

**MATERIAL SAFETY DATA SHEET**

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HMIS HAZARD RATING	
HEALTH	1
FIRE	2
REACTIVITY	0
PERSONAL PROTECTION	D

DATE OF PREPARATION  
 JANUARY 16, 2002  
 BY TECHNICAL SERVICES

DATE OF REVIEW/UPDATE  
 APRIL 13, 2009

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SECTION 1 - PRODUCT IDENTIFICATION

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ITEM NUMBER

4760

ITEM DESCRIPTION

THE PROTECTOR ELECTRONIC RUST INHIBITING SHIELD (PRO11)

PRODUCT NAME

PRODUCT CLASS

Corrosion Preventive Compound

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SECTION 2 - HAZARDOUS INGREDIENTS

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INGREDIENT	WT%	TLV <sup>1</sup>	PEL <sup>2</sup>
CAS NUMBER			
PETROLEUM DISTILLATES	48-54	100ppm	100ppm
64742-88-7 and/or			
64742-47-8 and/or			
8052-41-3			
PETROLATUM	25-30	2 mg/m3	2 mg/m3
8009-03-8		fumes	

Listed as IARC, NTP, or OSHA Carcinogen: None

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SECTION 3 - PHYSICAL CHARACTERISTICS

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BOILING POINT:	300F
VAPOR PRESSURE (mmHg @ 68F)	3.4
VAPOR DENSITY (AIR=1)	>1
SOLUBILITY IN WATER:	NEGLIGIBLE
SPECIFIC GRAVITY:	0.86+/-0.05
% VOLATILE (VOLUME)	58
MELTING POINT:	NOT APPLICABLE
EVAPORATION RATE (WATER=1)	UNKNOWN
APPEARANCE AND ODOR:	AMBER THICK LIQUID, SOLVENT ODOR
VOC (lbs./gallon)	3.73

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## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT / METHOD: 105 F / TCC  
FLAMMABLE LIMITS: LEL: 0.6 UEL: 7.0  
EXTINGUISHING MEDIA:

Water fog, dry chemicals or carbon dioxide.

## SPECIAL FIRE FIGHTING PROCEDURES:

Full protective equipment including self contained breathing apparatus for confined areas.

## UNUSUAL FIRE AND EXPLOSION HAZARDS:

Vapors are heavier than air. Treat as petroleum fire.

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## SECTION 5 - HEALTH HAZARD DATA

## EFFECTS OF OVEREXPOSURE:

**EYE:** Irritation of eyes. Prolonged contact can cause severe irritation, redness, tearing, blurred vision.

**SKIN:** Dryness, redness and itching or a burning sensation.

**INHALATION:** Irritation of respiratory system headache, dizziness, nausea, fatigue and loss of coordination. Overexposure to solvent vapors or mists has caused kidney damage in laboratory animals.

**INGESTION:** Gastrointestinal irritation, vomiting, diarrhea. Aspiration can cause chemical pneumonitis which can be fatal.

## MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Dermatitis. Alcohol consumption may increase adverse affects.

## EMERGENCY AND FIRST AID PROCEDURES:

**INHALATION** Remove exposure. Restore breathing. Keep warm and quiet.  
**SKIN** Wash affected area with soap and water. Remove contaminated clothing and launder before reuse.  
**EYES** Flush with large amounts of water. Get medical attention.  
**IF SWALLOWED** Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. Seek medical attention.

SECTION 6 - REACTIVITY DATA

STABILITY: Stable  
 INCOMPATIBILITY: Strong oxidizers  
 HAZARDOUS DECOMPOSITION PRODUCTS: Various hydrocarbons of incomplete combustion.  
 HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR LEAKED:

Remove all sources of ignition. Contain spill. Ventilate and remove with inert absorbent.

WASTE DISPOSAL METHOD:

Waste from this product is hazardous (D001) as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with federal, state and local regulations.

NOTE: Empty containers less than 110 gallons of D001 are not hazardous waste if as much of the product has been consumed as practical and less than 1 inch or 3% (by weight) of residue remain. (40CFR, 261.7)

SECTION 8 - SPECIAL PROTECTION INFORMATION

VENTILATION:

Use only with adequate ventilation. Avoid breathing vapor or mist. Local exhaust preferred.

RESPIRATORY PROTECTION:

Properly fitted NIOSH/MSHA approved respirator for ingredients found in (SECTION 2) if TLV is exceeded.

SKIN PROTECTION:

Gloves rated for protection against ingredients in (SECTION 2).

EYE PROTECTION:

Safety glasses with side shields or chemical goggles.

SECTION 9 - PRECAUTIONARY INFORMATION

PRECAUTIONS TO BE TAKEN IN STORING AND HANDLING:

Contents may burn. Keep away from any heat or spark source. Do not smoke. Empty containers can contain explosive vapors. Never use a torch to cut or weld on or near container. Never wear oil soaked clothing. Launder or dry-clean before wearing. Discard oil soaked shoes. Affix proper warning labels on containers in accordance with 29CFR 1010.1200.

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SECTION 10 - REGULATORY INFORMATION

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**D.O.T. REQUIREMENTS (49CFR 172.101)**

Not regulated in quantities less than 119 gallons except when shipped by vessel or aircraft. (29CFR 173.150)

COMBUSTIBLE LIQUID, N.O.S., COMBUSTIBLE LIQUID, NA1993, III

**RQ (REPORTABLE QUANTITY) 49CFR 172.101**

COMPONENT	RQ (lb.)	FOR THIS PRODUCT
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None		

**TSCA (Toxic Substances Control Act) Status**

The intentional ingredients of this product are listed.

**CERCLA RQ - 40CFR 302.4**

COMPONENT	RQ (lb.)	FOR THIS PRODUCT
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ALIPHATIC PETROLEUM SOLVENT	100	

**SARA 302 COMPONENTS - 40CFR 355 Appendix A**

None

**SECTION 311/312 HAZARD CLASS - 40CFR 370.2**

Immediate	(X)	Reactive	( )
Delayed	(X)	Sudden Release of Pressure	( )
Fire	(X)		

**SARA 313 COMPONENTS - 40CFR 372.65**

None

**WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)**

INGREDIENT	MAX. % BY WT.	LD50	LC50
PETROLEUM DISTILLATES	54	5000mg/kg oral-rat	3400ppm/4hr inhl-rat
PETROLATUM	30	unknown	unknown

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The information contained herein is based on data we believe to be correct. Any use of the product which is not in conformance with this MSDS or which involves using the product in combination with any other product or any process is the responsibility of the user.

<sup>1</sup> ACGIH

<sup>2</sup> OSHA